

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yuegang Zhang et al.

Title: THERMAL INTERFACE APPARATUS, SYSTEMS, AND METHODS

Docket No.: 884.885US1

Filed: June 30, 2003

Examiner: Tho Duong



Serial No.: 10/612,711

Due Date: N/A

Group Art Unit: 3753

**MS Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450


We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ Return postcard.
- ☒ Communication Concerning Related Applications (2 pgs.).
- ☒ Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.).
- ☒ Permission to charge Deposit Account No. 19-0743 in the amount of \$180.00 to cover the fee for consideration of Information Disclosure Statement under 97(c).

Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

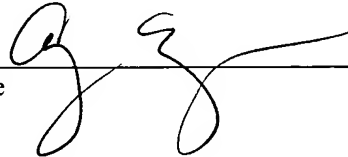
By:   
Atty: Timothy B. Clise  
Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13th day of June, 2006.

Name

Amy moriarty

Signature



SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)



S/N 10/612,711

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yuegang Zhang et al. Examiner: Tho Duong  
Serial No.: 10/612,711 Group Art Unit: 3753  
Filed: June 30, 2003 Docket: 884.885US1  
Title: THERMAL INTERFACE APPARATUS, SYSTEMS, AND METHODS

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COMMUNICATION CONCERNING RELATED APPLICATION(S)

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date/Issue Date</u>	<u>Attorney Docket</u>	<u>Title</u>
10170313 6891724	June 12, 2002	884.564US1	INCREASING THERMAL CONDUCTIVITY OF THERMAL INTERFACE USING CARBON NANOTUBES AND CVD
10024057 6921462	December 17, 2001	884.569US1	METHOD AND APPARATUS FOR PRODUCING ALIGNED CARBON NANOTUBE THERMAL INTERFACE STRUCTURE
10357927	February 3, 2003		PACKAGING OF INTEGRATED CIRCUITS WITH CARBON NANO- TUBE ARRAYS TO ENHANCE HEAT DISSIPATION THROUGH A THERMAL INTERFACE
11104354	April 12, 2005	884.569US2	METHOD AND APPARATUS FOR PRODUCING ALIGNED CARBON NANOTUBE THERMAL INTERFACE STRUCTURE

Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicants request

that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

Respectfully submitted,

YUEGANG ZHANG ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6900

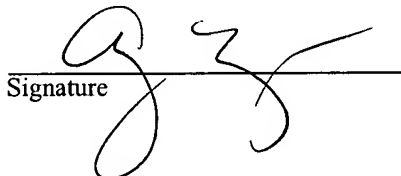
Date 13 June '06

By 

Timothy B. Clise  
Reg. No. 40,957

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Name Amy Moriarty

Signature 

S/N 10/612,711



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Yuegang Zhang et al.	Examiner:	Tho Duong
Serial No.:	10/612,711	Group Art Unit:	3753
Filed:	June 30, 2003	Docket:	884.885US1
Title:	THERMAL INTERFACE APPARATUS, SYSTEMS, AND METHODS		
Assignee:	Intel Corporation	Customer Number:	21186

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), please charge Deposit Account No. 19-0743 in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 19-0743.

06/19/2006 JBALINAN 00000020 190743 10612711

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The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

YUEGANG ZHANG ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Attorneys for Intel Corporation  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6900

Date 13 June '06

By 

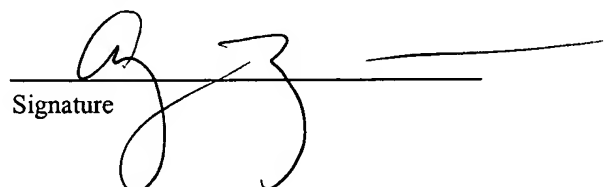
Timothy B. Clise  
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Name

Amy Moriarty

Signature



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/612,711
Filing Date	June 30, 2003
First Named Inventor	Zhang, Yuegang
Group Art Unit	3753
Examiner Name	Duong, Tho

Sheet 1 of 1

Attorney Docket No: 884.885US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20060054490A1	03/16/2006	Montgomery, S. W., et al.	04/12/2005
	US-6,921,462	07/26/2005	Montgomery, S. W., et al.	12/17/2001

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached